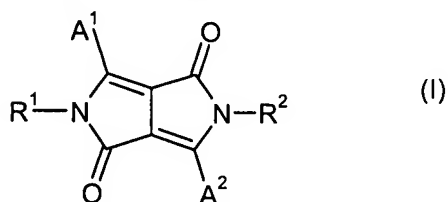


In the Claims:

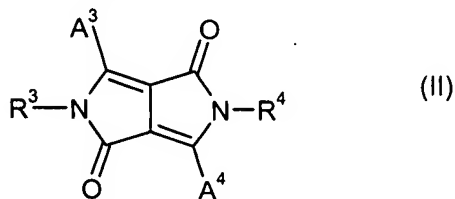
1., (cancelled)

2. **(currently amended)** A composition comprising a guest chromophore and a host chromophore, wherein the absorption spectrum of the guest chromophore overlaps with the fluorescence emission spectrum of the host chromophore, wherein the host chromophore is a diketopyrrolopyrrole having a photoluminescence emission peak at 500 to 720 nm and wherein the guest chromophore is a diketopyrrolopyrrole having an absorption peak at 500 to 720 nm~~according to claim 4,~~

wherein the host chromophore is a diketopyrrolopyrrole ("DPP") represented by formula I

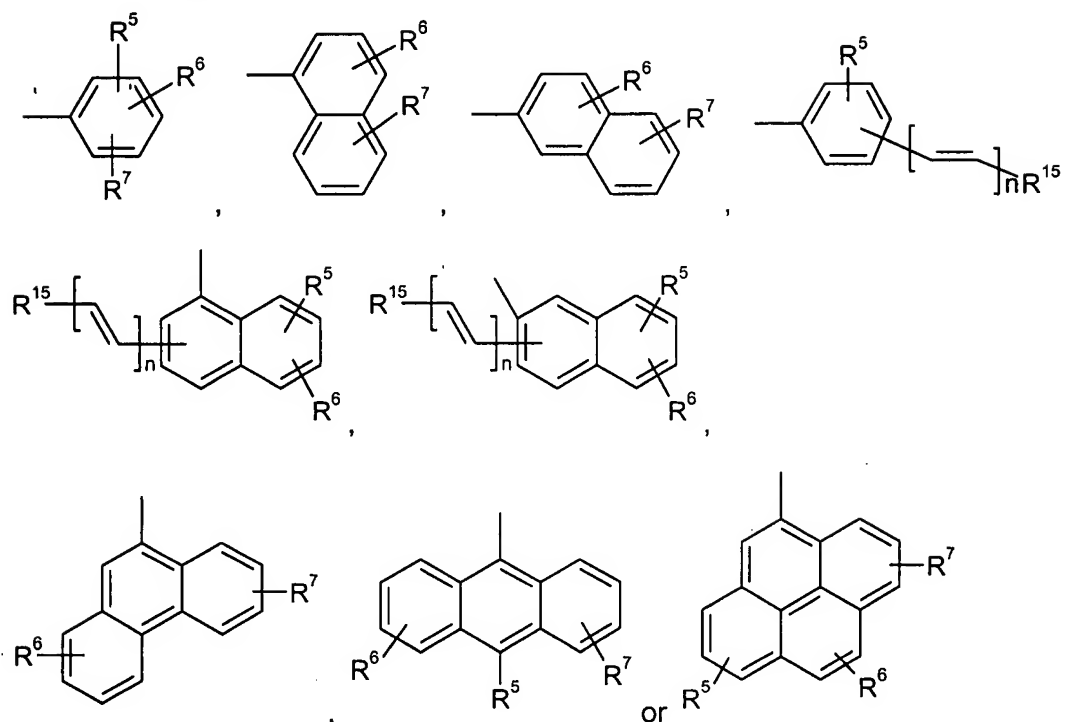


and the guest chromophore is a DPP represented by formula II



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> independently from each other stand for C<sub>1</sub>-C<sub>25</sub>-alkyl, which can be substituted by fluorine, chlorine or bromine, C<sub>5</sub>-C<sub>12</sub>-cycloalkyl or C<sub>5</sub>-C<sub>12</sub>-cycloalkyl which can be condensed one or two times by phenyl which can be substituted one to three times with C<sub>1</sub>-C<sub>4</sub>-alkyl, halogen, nitro or cyano, silyl, A<sup>5</sup> or -CR<sup>11</sup>R<sup>12</sup>-(CH<sub>2</sub>)<sub>m</sub>-A<sup>5</sup>, wherein R<sup>11</sup> and R<sup>12</sup> independently from each other stand for hydrogen, fluorine, chlorine, bromine, cyano or C<sub>1</sub>-C<sub>4</sub>alkyl, which can be substituted by fluorine, chlorine or bromine, or phenyl which can be substituted one to three times with C<sub>1</sub>-C<sub>3</sub>alkyl, A<sup>5</sup> stands for phenyl or 1- or 2-naphthyl which can be substituted one to three times with C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, halogen, nitro, cyano, phenyl, which can be substituted with C<sub>1</sub>-C<sub>8</sub>alkyl or C<sub>1</sub>-C<sub>8</sub>alkoxy one to three times, -NR<sup>13</sup>R<sup>14</sup> wherein R<sup>13</sup> and R<sup>14</sup> represent hydrogen, C<sub>1</sub>-C<sub>25</sub>-alkyl, C<sub>5</sub>-C<sub>12</sub>-cycloalkyl or C<sub>6</sub>-C<sub>24</sub>-aryl, ~~in particular phenyl or 1- or 2-naphthyl which can be substituted one to three times with C<sub>4</sub>-C<sub>8</sub>alkyl, C<sub>4</sub>-C<sub>8</sub>alkoxy, halogen or cyano, or phenyl, which can be substituted with C<sub>4</sub>-C<sub>8</sub>alkyl or C<sub>4</sub>-C<sub>8</sub>alkoxy one to three times,~~ and m stands for 0, 1, 2, 3 or 4,

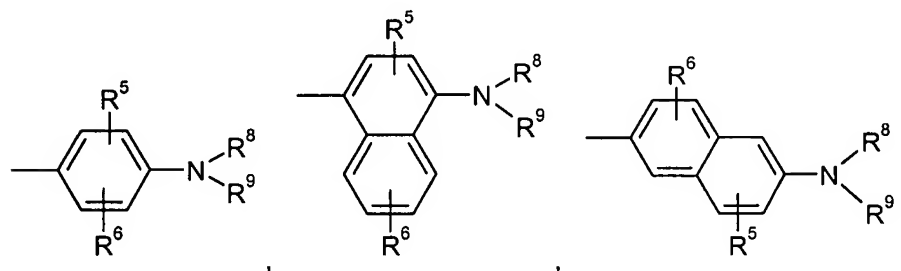
A<sup>1</sup> and A<sup>2</sup> independently from each other stand for

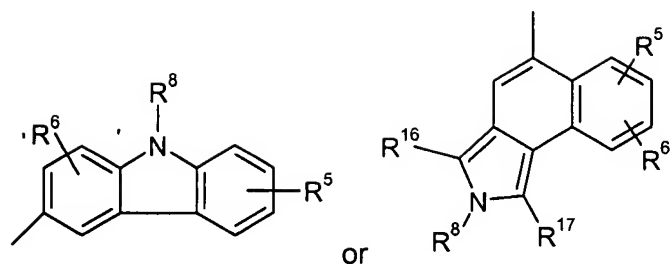


wherein

R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> independently from each other stands for hydrogen, C<sub>1</sub>-C<sub>25</sub>-alkyl, C<sub>1</sub>-C<sub>25</sub>-alkoxy, -CR<sup>11</sup>R<sup>12</sup>-(CH<sub>2</sub>)<sub>m</sub>-A<sup>5</sup>, cyano, halogen, -OR<sup>10</sup>, -S(O)<sub>p</sub>R<sup>13</sup>, or phenyl, which can be substituted one to three times with C<sub>1</sub>-C<sub>8</sub>alkyl or C<sub>1</sub>-C<sub>8</sub>alkoxy, wherein R<sup>10</sup> stands for C<sub>6</sub>-C<sub>24</sub>-aryl, or a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur, R<sup>13</sup> stands for C<sub>1</sub>-C<sub>25</sub>-alkyl, C<sub>5</sub>-C<sub>12</sub>-cycloalkyl, -CR<sup>11</sup>R<sup>12</sup>-(CH<sub>2</sub>)<sub>m</sub>-Ph, R<sup>15</sup> stands for C<sub>6</sub>-C<sub>24</sub>-aryl, p stands for 0, 1, 2 or 3 and n stands for 0, 1, 2, 3 or 4,

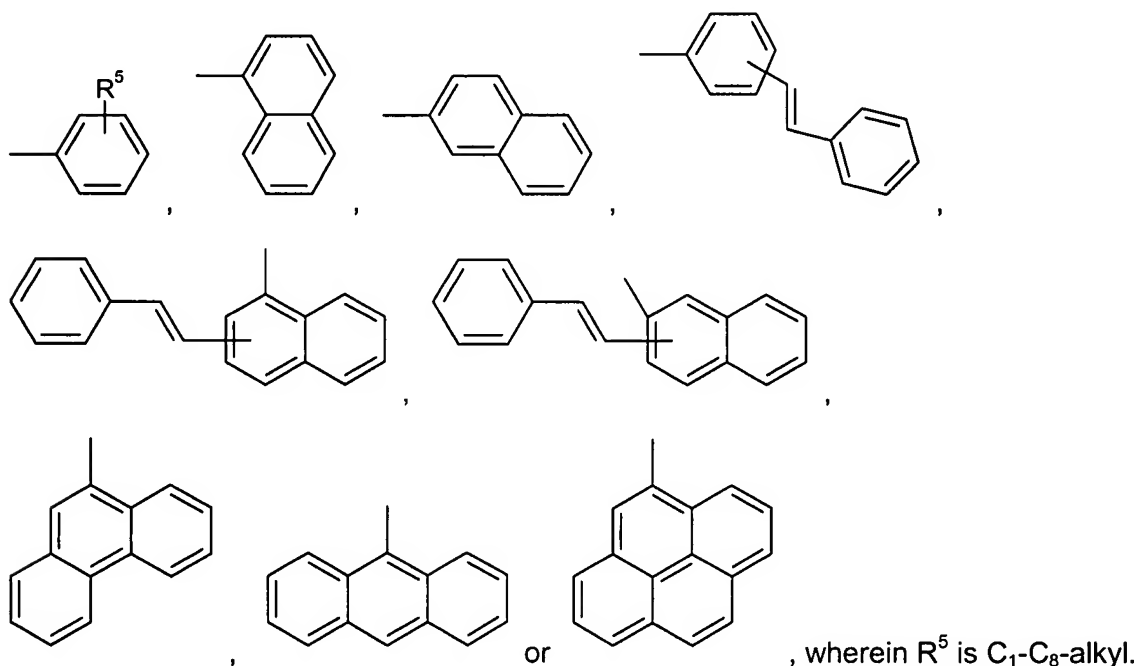
A<sup>3</sup> and A<sup>4</sup> independently from each other stand for



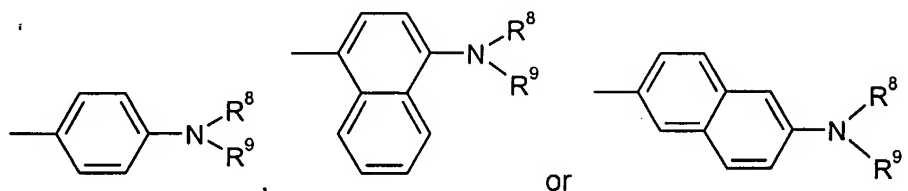


wherein  $R^8$  and  $R^9$  independently from each other stand for hydrogen,  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl, - $CR^{11}R^{12}-(CH_2)_m-A^5$ ,  $C_6$ - $C_{24}$ -aryl, in particular  $A^4$ , or a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur, and  $R^{16}$  and  $R^{17}$  are independently of each other hydrogen or  $C_6$ - $C_{24}$ aryl.

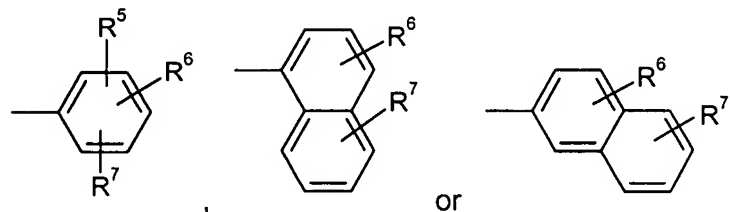
3. **(original)** Composition according to claim 2, wherein  $A^1$  and  $A^2$  independently from each other stand for



4. **(previously presented)** Composition according to claim 2, wherein  $A^3$  and  $A^4$  independently from each other stand for



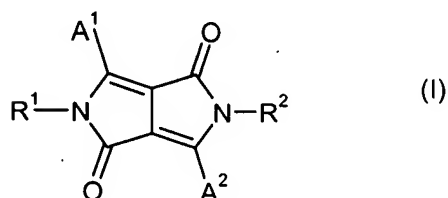
wherein  $R^8$  and  $R^9$  independently from each other stand for

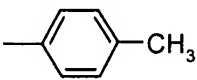
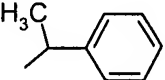
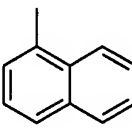
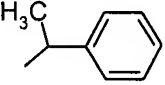
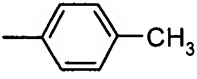
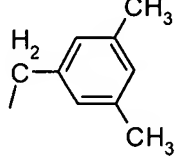
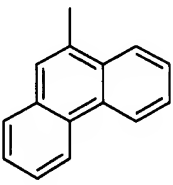
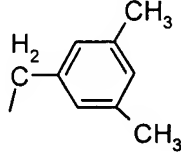
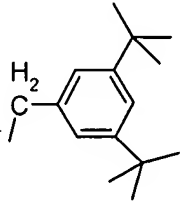
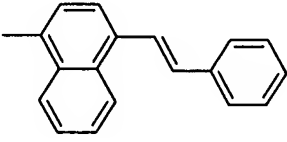
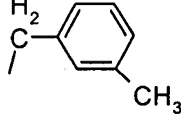


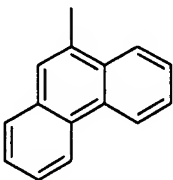
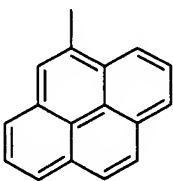
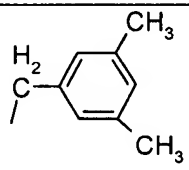
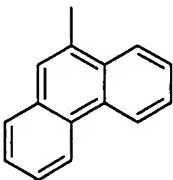
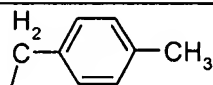
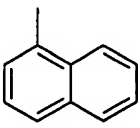
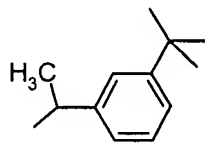
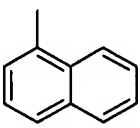
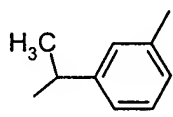
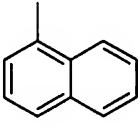
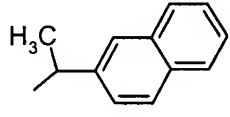
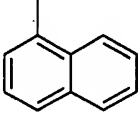
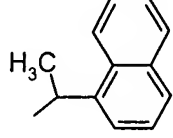
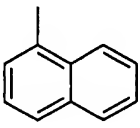
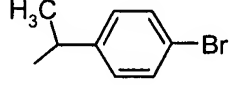
, wherein  $R^5$ ,  $R^6$ ,  $R^7$  independently from each other stands for hydrogen,  $C_1$ - $C_8$ -alkyl or  $C_1$ - $C_8$ -alkoxy.

5. **(previously presented)** Composition according to claim 2, wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  independently from each other stand for  $C_1$ - $C_8$ alkyl,  $C_5$ - $C_{12}$ -cycloalkyl, which can be substituted one to three times with  $C_1$ - $C_8$ alkyl and/or  $C_1$ - $C_8$ alkoxy, phenyl or 1- or 2-naphthyl which can be substituted one to three times with  $C_1$ - $C_8$ alkyl and/or  $C_1$ - $C_8$ alkoxy, or  $-CR^{11}R^{12}-(CH_2)_m-A^5$  wherein  $R^{11}$  and  $R^{12}$  stand for hydrogen,  $A^5$  stands for phenyl or 1- or 2-naphthyl, which can be substituted one to three times with  $C_1$ - $C_8$ alkyl and/or  $C_1$ - $C_8$ alkoxy, and  $m$  stands for 0 or 1.

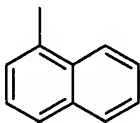
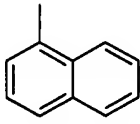
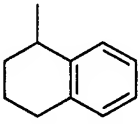
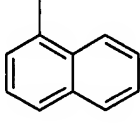
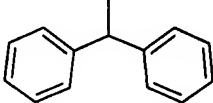
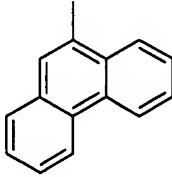
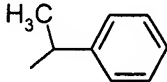
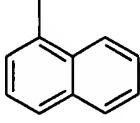
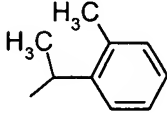
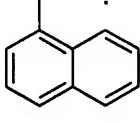
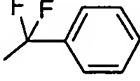
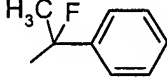
6. **(previously presented)** Composition according to claim 2, wherein the compound of the formula I is selected from the following compounds A-1 to A-29:

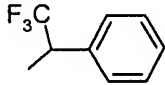
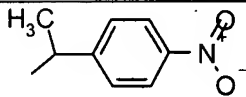
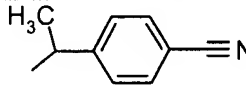


Compound	$A^1 = A^2$	$R^1 = R^2$
A-1		
A-2		
A-3		
A-4		
A-5	"	
A-6	"	$-(CH_2)_3CH_3$
A-7		

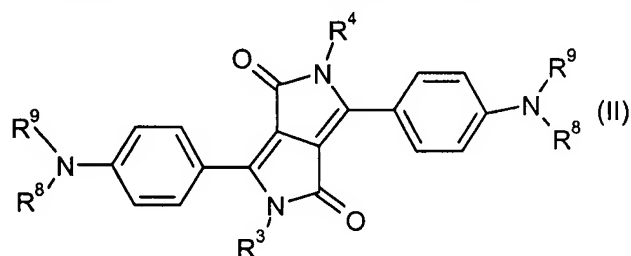
Compound	A <sup>1</sup> = A <sup>2</sup>	R <sup>1</sup> = R <sup>2</sup>
A-8		-Si(CH <sub>3</sub> ) <sub>3</sub>
A-9		
A-10		
A-11		
A-12		
A-13		
A-14		
A-15		

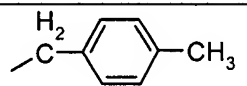
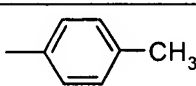
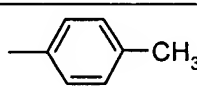
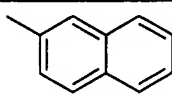
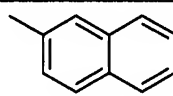
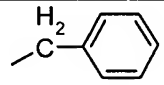
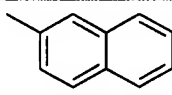
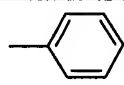
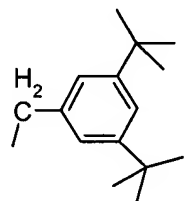
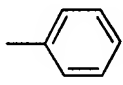
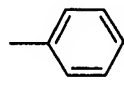
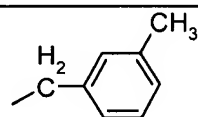
A-16		
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Compound	A <sup>1</sup> = A <sup>2</sup>	R <sup>1</sup> = R <sup>2</sup>
A-17		-CH(CH <sub>3</sub> ) <sub>2</sub>
A-18		
A-19		
A-20		
A-21		
A-22		
A-23	"	
A-24	"	-CF <sub>3</sub>
A-25	"	-CHF <sub>2</sub>
A-26		-CH <sub>2</sub> F

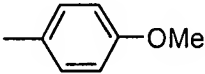
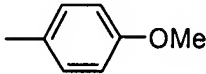
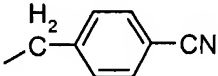
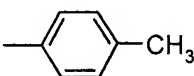
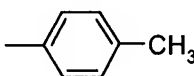
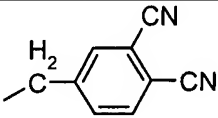
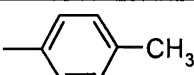
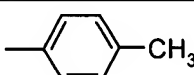
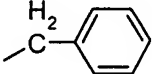
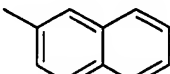
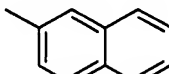
A-27	"	
A-28	"	
A-29	"	

7. **(previously presented)** Composition according to claim 2, wherein the compound of the formula II is selected from the following compounds B-1 to B-9:



Compound	R <sup>3</sup> = R <sup>4</sup>	R <sup>8</sup>	R <sup>9</sup>
B-1			
B-2	-(CH <sub>2</sub> ) <sub>3</sub> CH <sub>3</sub>		
B-3			
B-4			
B-5		"	"



B-6	"		
B-7			
B-8			
B-9			

8. **(currently amended)** An electroluminescent device comprising the composition according to claim 2 [[1]].

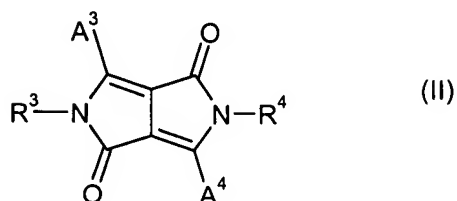
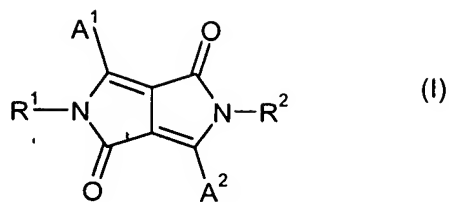
9. **(withdrawn)** An electroluminescent device according to claim 8, comprising in this order  
(a) an anode, (b) a hole transporting layer, (c) a light-emitting layer, (d) optionally an electron transporting layer and (e) a cathode.

10. **(previously presented)** A composition comprising

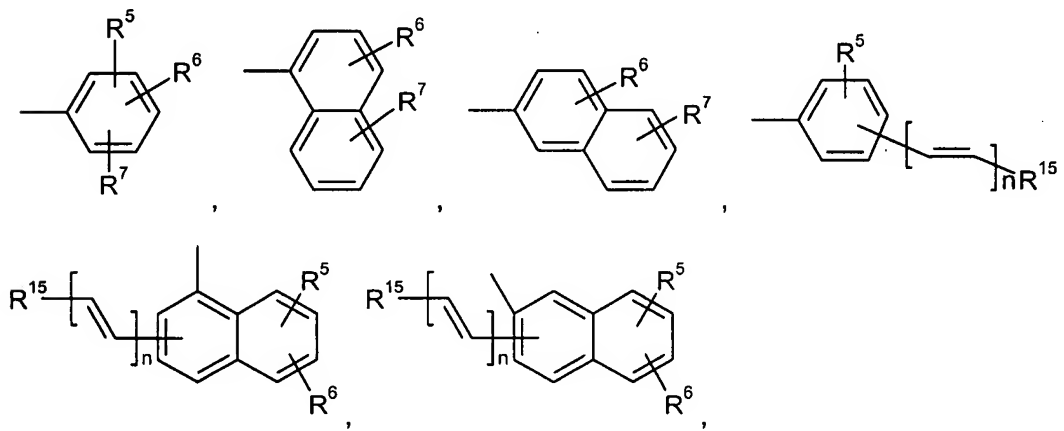
- (a) 0.01 to 50% by weight, based on the total weight of the colored high molecular weight organic material, of the composition according to claim 1, and
- (b) 99.99 to 50% by weight, based on the total weight of the colored high molecular weight organic material, of a high molecular organic material.

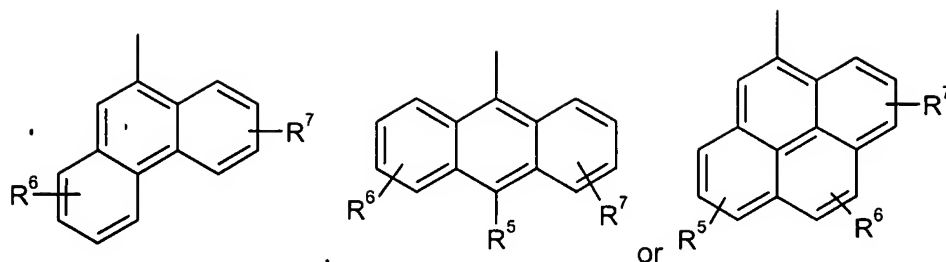
11. **(withdrawn)** A method for coloring a high molecular weight organic material or color changing media by mixing a composition according to claim 1 with high molecular weight organic material or media compositions.

12. **(currently amended)** A diketopyrrolopyrrole ("DPP") represented by formula I or II



wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  independently from each other stand for  $C_1$ - $C_{25}$ -alkyl, which can be substituted by fluorine, chlorine or bromine,  $C_5$ - $C_{12}$ -cycloalkyl or  $C_5$ - $C_{12}$ -cycloalkyl which can be condensed one or two times by phenyl which can be substituted one to three times with  $C_1$ - $C_4$ -alkyl, halogen, nitro or cyano, silyl,  $A^5$  or  $-CR^{11}R^{12}-(CH_2)_m-A^5$ , wherein  $R^{11}$  and  $R^{12}$  independently from each other stand for hydrogen, fluorine, chlorine, bromine, cyano or  $C_1$ - $C_4$ alkyl, which can be substituted by fluorine, chlorine or bromine, or phenyl which can be substituted one to three times with  $C_1$ - $C_3$ alkyl,  $A^5$  stands for phenyl or 1- or 2-naphthyl which can be substituted one to three times with  $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy, halogen, nitro, cyano, phenyl, which can be substituted with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy one to three times,  $-NR^{13}R^{14}$  wherein  $R^{13}$  and  $R^{14}$  represent hydrogen,  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl or  $C_6$ - $C_{24}$ -aryl, in particular phenyl or 1- or 2-naphthyl which can be substituted one to three times with  $C_1$ - $C_8$ alkyl,  $C_1$ - $C_8$ alkoxy, halogen or cyano, or phenyl, which can be substituted with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy one to three times, and  $m$  stands for 0, 1, 2, 3 or 4,  $A^1$  and  $A^2$  independently from each other stand for

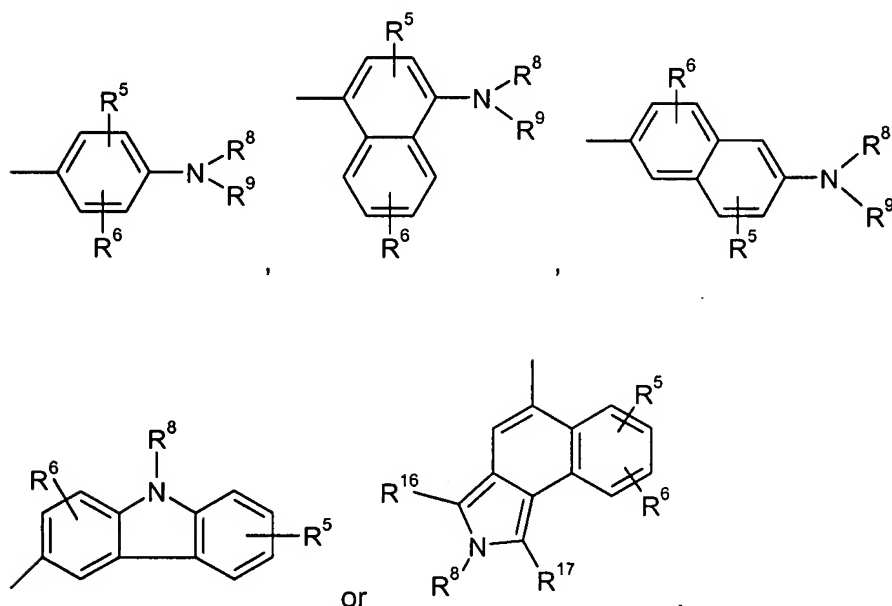




wherein

$R^5$ ,  $R^6$ ,  $R^7$  independently from each other stands for hydrogen,  $C_1$ - $C_{25}$ -alkyl,  $C_1$ - $C_{25}$ -alkoxy,  $-CR^{11}R^{12}-(CH_2)_m-A^5$ , cyano, halogen,  $-OR^{10}$ ,  $-S(O)_pR^{13}$ , or phenyl, which can be substituted one to three times with  $C_1$ - $C_8$ alkyl or  $C_1$ - $C_8$ alkoxy, wherein  $R^{10}$  stands for  $C_6$ - $C_{24}$ -aryl, or a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur,  $R^{13}$  stands for  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl,  $-CR^{11}R^{12}-(CH_2)_m-Ph$ ,  $R^{15}$  stands for  $C_6$ - $C_{24}$ -aryl,  $p$  stands for 0, 1, 2 or 3 and  $n$  stands for 0, 1, 2, 3 or 4,

$A^3$  and  $A^4$  independently from each other stand for



wherein  $R^8$  and  $R^9$  independently from each other stand for hydrogen,  $C_1$ - $C_{25}$ -alkyl,  $C_5$ - $C_{12}$ -cycloalkyl,  $-CR^{11}R^{12}-(CH_2)_m-A^5$ ,  $C_6$ - $C_{24}$ -aryl, in particular  $A^4$ , or a saturated or unsaturated heterocyclic radical comprising five to seven ring atoms, wherein the ring consists of carbon atoms and one to three hetero atoms selected from the group consisting of nitrogen, oxygen and sulfur, and  $R^{16}$  and  $R^{17}$  are independently of each other hydrogen or  $C_6$ - $C_{24}$ aryl.